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NAS FORT WORTH
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TECHNICAL MEMORANDUM FOR PRODUCT REMOVAL AT SITE ST14/SD13 WELLS NAS
FORT WORTH TX

4/2/1997
CH2M HILL

575

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File: 17G
P.W.



**NAVAL AIR STATION
FORT WORTH JRB
CARSWELL FIELD
TEXAS**

**ADMINISTRATIVE RECORD
COVER SHEET**

AR File Number 575

TECHNICAL MEMORANDUM

CH2M HILL

575

Product Removal at Site ST14/SD13 Wells NAS Fort Worth JRB, Carswell Field, Texas

PREPARED FOR: Joseph Dunkle/ AFCEE COR
PREPARED BY: CH2M HILL
COPIES: Margaret O'Hare/CH2M HILL
Molly Stuart/CH2M HILL
Matt Wilson/CH2M HILL
Mike Burkhardt/CH2M HILL
DATE: April 2, 1997

The second of six monthly free-product removal events took place on March 31, 1997. Three wells (SD13-04, SD13-07 and 17M) observed to contain product during the first quarter 1997 base-wide quarterly groundwater sampling at NAS were included. Product thickness was measured by lowering an ORS oil/water interface probe into the well and measuring the depth to product and the depth to water. If product was identified in the well, a skimming sock was lowered to just below the approximate depth of the bottom of product. The skimming sock was left in place for five minutes to allow the product to be absorbed. The sock then was retrieved from the well and placed in a 55-gallon DOT-approved FRP drum provided by the Hazardous Waste Department at NAS Fort Worth.

Product thickness in the well was re-checked after retrieval of the sock. If the product thickness exceeded 0.001 feet (the practical quantitation limit for the interface probe), a new skimming sock was to be lowered into the well to absorb any remaining product. None of the three wells required more than one absorbent sock during the March removal action. The 55-gallon drum was transported by NAS to a staging area specified by the Hazardous Waste Department, who will dispose of the drum and contents.

Well SD13-04

An OVM reading of 35 ppm was recorded at the top of the casing, and the well contained 0.01 feet of product. Product was visible on the outside of the sock lowered into the well. A subsequent check of the well with the interface probe revealed that all product had been removed by the sock.

Well SD13-07

An OVM reading of 140 ppm was recorded at the top of the casing. The well contained 0.05 feet of product, which was observed to be amber in color with a strong odor when the absorbent sock was removed and examined. The well was checked again with the interface probe, and no product remained in the well after sock removal.

Well 17M

An OVM reading of 388 ppm was observed at the top of the casing. The well did not contain any product when measured with the interface probe. The probe was examined after removal from the well, and no visible product was observed or odor detected.

Product Monitoring & Removal Summary Monitoring Wells 17M, SD13-07, SD13-04 NAS Fort Worth JRB, Carswell Field, Texas Feb-Mar 1997			
Well	Date	OVM Reading (PPM)	Product Thickness (ft.)
17M	2/27/97	197	0.02
	3/31/97	388	None Measured
SD 13-07	2/27/97	856	0.01
	3/31/97	140	0.05
SD13-04	2/27/97	437	0.02
	3/31/97	35	0.01



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS AIR FORCE CENTER FOR ENVIRONMENTAL EXCELLENCE
BROOKS AIR FORCE BASE TEXAS

8 April 1997

MEMORANDUM FOR TNRCC (M. Weegar)

FROM: HQ AFCEE/ERD
3207 North Road
Brooks AFB, TX 78235

SUBJECT: Naval Air Station Ft. Worth JRB; TNRCC Solid Waste
Registration No. 65004
EPA ID No. TX0571924042
Hazardous Waste Permit No. 50289
HQ AFCEE/ERD Letter Dated 3 March 1997

Dear Mr. Weegar,

Item 1 of the subject letter describes AFCEE's efforts to collect free-product from wells in the area of AOC 7 (SD13). Two reports are attached which detail collection of free-product from wells in that area for the months of January and February.

Should you have any questions or wish to discuss this letter, please contact me at (210) 536-5290.

Sincerely,

A handwritten signature in black ink, appearing to read "Joe Dunkle", is located below the "Sincerely," text.

Joseph R. Dunkle
Remedial Program Manager
Environmental Restoration Division

Attachments:

- 1) January Report
- 2) February Report



cc:

Leigh Benson (Parsons-Denver)

Rafael Casanova (EPA Region 6)

Doug Downey (Parsons-Denver)

Olen Long (AFBCA-OL/H)

Margaret O'Hare (CH2M-Hill)

Tim Sewell (TNRCC Region 4 Field Office)

Sam Taffinder (AFCEE/ERT)

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